

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: David John Edwards et al.  
Title: DEGENERATE MODE COMBINER  
Appl. No.: To Be Assigned  
Filing Date: September 6, 2001  
Examiner: Unassigned  
Art Unit: Unassigned

#8/ Amended  
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3/4/02

**PRELIMINARY AMENDMENT**

Commissioner for Patents  
Box PATENT APPLICATION  
Washington, D.C. 20231

Sir:

Prior to examination of the present Application, Applicants respectfully request that the application be amended as follows:

**In The Claims:**

In accordance with 37 C.F.R. § 1.21, please substitute for claims 5-11 the following rewritten versions of the same claims, as amended. The changes are shown explicitly in the attached "Versions with Markings to Show Changes Made."

5. (Amended) A wave device according to claim 2, wherein the plate is a polygon having an even number of sides and each respective pair of inputs is connected across an opposing pair of sides.

6. (Amended) A wave device according to claim 2, wherein the plate is circular and each respective pair of inputs is connected to the plate across a diameter of the plate.

7. (Amended) A wave device according to claim 1, wherein the output is positioned at substantially the antinode of the device.